



Co-funded by the  
Erasmus+ Programme  
of the European Union

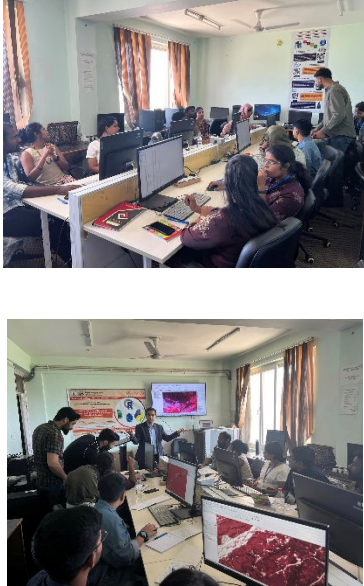








## Equipment and Facilities offered for use to the Project Partners under URGENT Project

by

Sher-e-Kashmir University of Agricultural  
Sciences and Technology of Kashmir (SKUAST-K)

(P-14)

Name of the equipment/facility enhanced under URGENT Project	Description of the Equipment/Facility	Photo(s)
Geo-informatics Lab	Equipped with high configuration Desktop and installed with remote sensing, GIS and other computing software for data processing and analysis related to forestry and allied subjects	
Soil Analytical Lab	Equipped with all the facilities for assessment of macro and micro nutrients of soil including Nitrogen Analyzer, Spectrophotometer, Microbial Biomass Set up etc,	

		 
<p>Plant Canopy Analyzer</p>	<p>Plant Canopy Analyzer For measuring photosynthetic efficiency of urban vegetation through measurement of Leaf Area Index.</p>	
<p>Designjet Plotter/Printer</p>	<p>For developing large scale A0 size prints for maps, vegetation pattern and ground sample locations for display in seminars and workshops. Flexibility of printing through Ethernet; USB; WiFi</p>	 

<p>Laser Tree Calipers</p>	<p>Improvised tree callipers over the traditional ones having an advantage of measuring upper stem diameter through laser technology</p>	
<p>Drone with accessories</p>	<p>Resource assessment and monitoring of vegetation in urban areas and forest lands. To get the high resolution images of congested city condition for green infrastructure planning. Practical demonstration to students supplementing the modified curricula.</p>	
<p>DSLR camera</p>	<p>4K UHD Video Recording at 30 fp for video lectures and other demonstration activities during seminar and workshops. High quality still photographs in 20.9MP DX-Format.</p>	



Co-funded by the  
Erasmus+ Programme  
of the European Union



GPS Device

For positioning and ground validation of maps. Navigation and Inventory of urban forest.



Sd/-  
Coordinator URGENT Project  
SKUAST Kashmir